

Automated Tracking Station Remote System Upgrade/Installation Guide

Version 1.0

August 27, 1998



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1.0 Resource List

Required Resources

The following resources are required to perform an upgrade/installation of the Automated Tracking Station software on a remote workstation.

ATS Software CD

- r ATS software

Documents

- r IP address list printout

2.0 Upgrade/Installation Procedures

Obtain authorization and schedule downtime

Authorization is obtained and verified from the remote site by email from the upgrade/install site. Approximately four hours of system downtime is required.

For each Master to be upgraded

- r Install Node software (see “Appendix A: Upgrading/Installing ATS Software”, page 3)
- r Update GRM registry if a node is added (see “Appendix B: Updating Master GRM Registry”, page 4)

For each Node to be upgraded

- r Install Node software (see “Appendix A: Upgrading/Installing ATS Software”, page 3)
- r Update GRM registry if a device is added (see “Appendix C: Updating Node GRM Registry”, page 5)
- r Modify Start Menu shortcuts if a device is added (see “Appendix D: Updating Node Start Menu Shortcuts”, page 6)

Appendix A: Upgrading/Installing ATS Software

Resources Needed

- The Automated Tracking Station software on a CD or on some other network resource.

Setup Workstation

- r Logon to install workstation as **Developer**.
- r On the computer **from** which the software will be installed, map a network drive to the C: drive of the computer **to** which the software will be installed. For example, if installing from ATSMaster to ATSTNode1, then at ATSMaster computer map a network drive to the C: drive of ATSTNode1 computer.
 - r From **Tools** menu of **Explorer** choose **Map Network Drive**.
 - r Choose an available drive letter. Remember drive letter as it will be needed in next step.
 - r In **Path** field type name of computer followed by C\$, i.e. [\\ComputerName\C\\$](#).
- r Set destination drive for installation files.
 - r From **Control Panel** select **System**.
 - r From **System** dialog select **Environment** tab.
 - r In **Variable** field type **dstdrive**.
 - r In **Value** field type the letter of the drive mapped in above step, followed by a colon. For example: **k:**
 - r Click **Set** then click **OK**.

Install ATS Master Software

- r At workstation go to a command prompt.
- r Change to Install directory on drive mapped above.
- r Run command line: **Install Master ATS Backup Update** replacing **ATS** with designator of station being installed.
 - r Note: command line is case-sensitive.
 - r Note: for a list of command line arguments and available options, type **Install** with no arguments.

Install ATS Node Software

- r At workstation go to a command prompt.
- r Change to Install directory on drive mapped above.
- r Run command line: **Install Node ATS Backup Update** replacing **ATS** with designator of station being installed.
 - r Note: command line is case-sensitive.
 - r Note: for a list of command line arguments and available options, type **Install** with no arguments.

Note: To install to another computer, delete mapped drive and map another computer to same drive letter used previously. Then repeat **Install ATS Master Software** or **Install ATS Node Software** steps above.

Appendix B: Updating Master GRM Registry

Update Registry File

- r Open file *GRMBase.reg* from *c:\Master* in **Notepad**.
- r Open file *GRM1.reg* from *c:\Master* in **Notepad**.
- r In **Port** section of file *GRM1.reg*

Appendix C: Updating Node GRM Registry

Update Registry File

- r Open file *GRMBase.reg* from *c:\Node\Regs* in **Notepad**.
- r Open file *GRM#.reg* from *c:\Node\Regs* in **Notepad**.
- r In **Port** section of *GRM#.reg*

Appendix D: Updating Node Start Menu Shortcuts

Note: For the following steps:

- Lower case **x** refers to a device's unit number.
- Lower case **y** refers to a device's COM port number.
- Lower case **z** refers to the Node's GRM number.

Update Developer's Icons

- r Log on as **Developer**.
- r Right click on **Start Menu** and choose **Explore** to view Developer's Start Menu shortcuts.

- r Select **Developer\Start Menu** directory.
- r Rename **Edit GRMz Registry** shortcut by replacing **z** with appropriate GRM number.
- r Right click shortcut and choose **Properties**. Select **Shortcut** tab. Change properties of shortcut by replacing **z** with appropriate GRM number.
- r Rename **GRM z Devices** shortcut by replacing **z** with appropriate GRM number.
- r Right click shortcut and choose **Properties**. Select **Shortcut** tab. Change properties of shortcut by replacing **z** with appropriate GRM number.

- r Under **Developer\Start Menu** directory remove directories referencing devices not attached to this node.

- r Within each of the remaining device directories do the following.
 - r Select **Local Control (NO GRM)** directory.
 - r Copy Local Control shortcut enough times so that there is one for each device of current type.
 - r Rename each shortcut by replacing **x** and **y** with appropriate unit and COM port numbers.
 - r Right click on each shortcut and choose **Properties**. Select **Shortcut** tab. Change properties of each shortcut by replacing **x** and **y** with appropriate unit and COM port numbers.
 - r When finished, this directory should contain a shortcut for each device unit and nothing else.

 - r Select **Remote Control (WITH GRM)** directory.
 - r Copy Remote Control shortcut enough times so that there is one for each device of current type.
 - r Rename each shortcut by replacing **x** with appropriate unit number.
 - r Right click on each shortcut and choose **Properties**. Select **Shortcut** tab. Change properties of each shortcut by replacing **x** and **z** with appropriate unit and GRM numbers.
 - r When finished, this directory should contain a shortcut for each device unit and nothing else.

- r Repeat above steps for remaining device directories.

Update Operator's Icons

- r Log on as **Developer**.
- r Right click on **Start Menu** and choose **Explore** to view Developer's Start Menu shortcuts.
- r Copy directories containing device shortcuts from Developer's Start Menu directory to Operator's Start Menu directory.
- r Copy **GRM z Devices** shortcut, where **z** is appropriate GRM number, to Operator's Startup directory (*Start Menu\Programs\Startup*).